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By-Isler, Norman P.

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# PLANNING IN HIGHER EDUCATION

## An Interpretive Bibliography in Six Parts

## Part III

## SPECIAL FACILITIES IN HIGHER EDUCATION PLANNING

EF 003 787

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

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# PLANNING IN HIGHER EDUCATION

An Interpretive Bibliography

Part III

## SPECIAL FACILITIES IN HIGHER EDUCATION PLANNING

Prepared By

Norman P. Isler

Subject Area Coordinator

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ERIC Clearinghouse on Educational Facilities

The University of Wisconsin

Madison, Wisconsin

November 1969

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Howard E. Wakefield
Director

November 1969

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## SPECIAL FACILITIES IN HIGHER EDUCATION PLANNING

The retrieval terms employed in searching ERIC/CEF's file for "Special Facilities" references were: CAMPUS PLANNING, COLLEGE BUILDINGS, and COLLEGE PLANNING. The documents on the following pages represent the results of that search after careful screening. While references to libraries. gymnasiums, and auditoriums did appear in the initial print-out, it was decided to eliminate them from this bibliography since ERIC/CEF plans to publish more comprehensive bibliographies in those areas in the very near future.

The following special facilities references are contained herein:


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| Fine Arts and Communications Arts Facilities | 2-6 |
| Science Facilities | |
| Included are references to health center, medical school, dental school, chemistry, physics, and engineering buildings. | 8-20 |
| Campus Traffic Facilities | |
| Both vehicular and pedestrian traffic are covered in these six references which deal with garages, commuting staff and students, parking lots, and information signposts. | 22-27 |
| Miscellaneous Special Facilities | |
| College Unions | 29 |
| Central Food Stores | 30 |
| College Stores | 31 |
| Instructional Offices | 32 |
| Research Facilities | 33 |
| Public Address Systems | 34 |

# FINE ARTS AND COMMUNICATIONS ARTS FACILITIES

ERIC/CEF DOCUMENT NO. EF002563 DISPOSITION-EDC 2

NEW BUILDINGS FOR MUSIC

BY- GANZEL, DEWEY A

PUBLISHED-JAN65
IN- THE INSTRUMENTALIST, P34-39 JAN 1965

AVAILABLE FROM- THE INSTRUMENTALIST, 1418 LAKE STREET, EVANSTON, ILL 60201

OC8 PAGES

DESCRIPTORS- *COLLEGE BUILDINGS, *MUSIC FACILITIES, *SCHOOL DESIGN

THE OBERLIN CONSERVATORY OF MUSIC IS COMPOSED OF A TEACHING BUILDING, A CENTRAL UNIT, AND ROBERTSON HALL. BRIGHAM YOUNG UNIVERSITY HOUSES 17,800 MUSIC AND COMMUNICATIONS STUDENTS IN ITS HARRIS FINE ARTS CENTER. MUSIC DEPARTMENT FACILITIES ARE DIVIDED INTO THOSE DESIGNED FOR PUBLIC PERFORMANCES AND THOSE DESIGNED FOR PRIVATE AND GROUP REHEARSAL. THE UNIVERSITY OF ILLINOIS WILL CONSTRUCT THE KRANNERT CENTER FOR PERFORMING ARTS, WHICH WILL CONSIST OF FOUR THEATERS, EACH ONE A SEPARATE BUILDING WITH A SPECIAL CHARACTER OF ITS OWN. THE SLAYTER CENTER FOR THE PERFORMING ARTS IS A UNIQUE BAND SHELL JUST COMPLETED ON THE PURDUE UNIVERSITY CAMPUS. THE UNIVERSITY OF MICHIGANS SCHOOL OF MUSIC BUILDING IS BELIEVED TO BE THE MOST MODERN AND BEST EQUIPPED FACILITY FOR TEACHING MUSIC ON ANY CAMPUS IN THE UNITED STATES. (LD)

Availability:

The Instrumentalist
1418 Lake Street
Evanston, Illinois 60201

ERIC/CEF DOCUMENT NO. EF000457 DISPOSITION-UFRC 2

S.I.U. SUPER COMPLEX FOR THE COMMUNICATIONS ARTS

PUBLISHED-MAY66
IN- AMERICAN SCHOOL AND UNIVERSITY, MAY, 66, PP. 104-5

002 PAGES

DESCRIPTORS- *COLLEGE BUILDINGS, *BUILDING DESIGN, *EDUCATIONAL COMPLEXES, *HIGHER EDUCATION, *CONSTRUCTION COSTS, AIR CONDITIONING, AUDITORIUMS, CIVIL DEFENSE, PARKING FACILITIES

THIS ARTICLE REPORTS THE PLAN AT SOUTHERN ILLINOIS UNIVERSITY FOR A COMPLEX CONTAINING FIVE COMMUNICATION SCHOOLS--SPEECH AND SPEECH CORRECTION, THEATER, RADIO AND TELEVISION, PRINTING AND PHOTOGRAPHY, AND JOURNALISM FEATURING A 5,000 SEAT AUDITORIUM, CIVIL DEFENSE HEADQUARTERS, AND A MULTI-UNIT CENTRAL, CHILL WATER SUPPLY SYSTEM FOR AIR CONDITIONING. BASED UPON THE RESULTS OF IDEAL USE REQUESTS FROM FACULTY AND COMPARATIVE ON-SITE DATA FROM OTHER CAMPUSES, THE 700,000 SQUARE FOOT COMPLEX WILL BE CONSTRUCTED IN THREE STAGES, THE FIRST OF WHICH HAS BEEN COMPLETED. TOTAL COST IS ABOUT $20 MILLION. A FLOOR PLAN AND PHOTOGRAPH ACCOMPANY THE ARTICLE. THIS DOCUMENT APPEARED IN THE AMERICAN SCHOOL AND UNIVERSITY MAGAZINE, NEW YORK, NEW YORK. (JP)

Availability:

Buttenheim Publishing Corporation
757 Third Avenue
New York, New York 10017

ERIC/CEF DOCUMENT NO. EF002220 DISPOSITION-UFRC 2

WSU PROGRAM STATEMENT

WISCONSIN STATE UNIVERSITY, EAU CLAIRE

PUBLISHED-NOV65

106 PAGES

DESCRIPTORS- *COLLEGE BUILDINGS, *EDUCATIONAL SPECIFICATIONS, *FACILITY GUIDELINES, *FINE ARTS, *HIGHER EDUCATION, ART , COLLEGE PLANNING, GLOSSARIES, FACILITY EXPANSION, MUSIC, PROGRAM PROPOSALS, SPEECH

A SET OF DETAILED EDUCATIONAL SPECIFICATIONS IS PROVIDED FOR THE FINE ARTS BUILDING AT WISCONSIN STATE UNIVERSITY, EAU CLAIRE. EACH CLASSROOM, FACULTY OFFICE, LABORATORY, ETC. IS SPECIFIED AS TO LOCATION, TOTAL AREA, NUMBER OF STUDENT STATIONS, FIXED EQUIPMENT, MOVABLE EQUIPMENT, UTILITY SERVICES, TRANSFERRED EQUIPMENT, AND ANY OTHER SPECIAL REQUIREMENTS. THE APPENDIX INCLUDES SUBSTANTIAL DEFINITIONS OF (1) ASSIGNABLE FLOOR SPACE, (2) LABORATORY, (3) CLASSROOM, (4) OFFICE, (5) AUDITORIUMS, ETC. AND (6) OTHER ACTIVE INSTRUCTIONAL SPACE. (N.I.)

Availability:

Wisconsin State University
Eau Claire, Wisconsin

ERIC/CEF DOCUMENT NO. EF000628 DISPOSITION-UFRC 1

EFL COLLEGE NEWSLETTER 6 (FINE ARTS FACILITIES PAST, PRESENT, FUTURE)

EDUCATIONAL FACILITIES LABORATORIES, INC., NEW YORK, N. Y.

PUBLISHED-OCT65

DESCRIPTORS- *ART EDUCATION, *ARTS CENTERS, *EDUCATIONAL FACILITIES, *FACILITY CASE STUDIES, AUDITORIUMS, BUILDING DESIGN, COLLEGE PLANNING, SPACE CLASSIFICATION, THEATERS

THREE MAJOR PLANNING QUESTIONS ON DEVELOPING A FINE ARTS FACILITY FOR HIGHER EDUCATION INSTITUTIONS ARE DISCUSSED-- (2) WHETHER TO CONCENTRATE THE ARTS IN A SINGLE PLACE OR THREAD THEM THROUGH THE CAMPUS, (2) THE PRACTICALITY OF THE MULTI-USE SPACE--THE AUDITORIUM THAT CAN FUNCTION AS THEATER, CONCERT AND LECTURE HALL AND CLASSROOMS, AND (3) THE FORM AND FUNCTION OF THE THEATER. TO FOCUS ON THESE QUESTIONS, DETAILED OBSERVATIONS ARE MADE ON THE NEW ARTS FACILITIES AT MACALESTER COLLEGE, ST. PAUL, MINNESTOTA, AND WEBSTER COLLEGE, WEBSTER GROVES, MISSOURI. THESE TWO FACILITIES SUM UP A BROAD RANGE OF PLANNING CONSIDERATIONS AND REPRESENT WIDELY DIVERGENT ARCHITECTURAL SOLUTIONS. PLANS, DIAGRAMS AND PHOTOGRAPHS GRAPHICALLY PRESENT THE DETAILS OF BOTH SOLUTIONS. TO PROVIDE ADDITIONAL SOURCES OF INFORMATION, TWENTY-SIX ARTS FACILITIES EXISTING AT COLLEGES AND UNIVERSITIES THROUGHOUT THE UNITED STATES ARE LISTED AND BRIEFLY DESCRIBED. PROJECT DESCRIPTIONS ARE RELATED TO STUDENT ENROLLMENT TOTALS. (BH)

Availability:

Educational Facilities Laboratories, Inc
477 Madison Avenue
New York, New York 10022

ERIC/CEF DOCUMENT NO. EF001263 ED 15637 DISPOSITION-UFRC 1

# THE COLLEGE AND UNIVERSITY FINE ARTS CENTER

BY- HUTCHINSON, GEORGE A.
PERKINS AND WILL, ARCHITECTS, CHICAGO, ILLINOIS

PUBLISHED-DEC60

059 PAGES

DESCRIPTORS- *ART EDUCATION, *ARTS CENTERS, *EDUCATIONAL SPECIFICATIONS, *FACILITY CASE STUDIES , *FLEXIBLE FACILITIES, ART ACTIVITIES, BUILDING DESIGN, EDUCATIONAL OBJECTIVES, FACILITY GUIDELINES, MULTIPURPOSE CLASSROOMS

VIEWS CONCERNING THE FINE ARTS CENTER CONCEPT WERE GENERATED FROM WORKSHOP DISCUSSIONS ON THE FUNDAMENTALS OF COMPOSITION, EDUCATIONAL SCOPE AND FORM, IMAGINATIVE TEACHING METHODS, AND THE DETAILS OF SHAPE, SIZE AND EQUIPMENT OF EXISTING CENTERS. THE EDUCATIONAL PHILOSOPHIES DIRECTING THE FINE ARTS CENTER, THE DISCIPLINES WHICH MAY BE INCLUDED IN SUCH A FACILITY AND THE TYPES OF FACILITIES WHICH ARE REQUIRED FOR ART, MUSIC AND DRAMA WERE REVIEWED. ALSO DISCUSSED WERE POSSIBLE COMBINATIONS OF THE ARTS INTO A MULTI-USE OR GENERAL PURPOSE FACILITY. FOUR PROPOSED CENTERS WERE INVESTIGATED IN TERMS OF SPACE REQUIREMENTS AND DEPARTMENT UTILIZATION, AND TWELVE CENTERS WERE ANALYZED TO DEMONSTRATE HOW EXISTING FACILITIES HAVE SATISFIED THE OBJECTIVES OF AN INTEGRATED, FINE ARTS COMPLEX. (BH)

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# SCIENCE FACILITIES

ERIC/CEF DOCUMENT NO. EF000069 DISPOSITION-EDC- 1

A COLLEGE HEALTH CENTER

BY- BARD, BERNARD
EDUCATIONAL FACILITIES LABORATORIES INC., NEW YORK, N. Y.

PUBLISHED- 63
IN- CASE STUDIES OF EDUCATIONAL FACILITIES, NO. 6

35 PAGES

DESCRIPTORS- *BUILDING INNOVATION, *COLLEGE BUILDINGS, *DESIGN NEEDS, *FLEXIBLE FACILITIES, *HEALTH FACILITIES, BUILDING DESIGN, CLINICS, COLLEGE PLANNING, CONSTRUCTION COSTS, HEALTH NEEDS, HEALTH SERVICES, INTERIOR SPACE, STUDY FACILITIES

THIS REPORT CONSIDERS PROBLEMS AND SOLUTIONS RELATED TO THE DESIGN AND ESTABLISHMENT OF COLLEGE HEALTH FACILITIES. THIS INCLUDES THE RESULTS OF A STUDY INVOLVING COLORADO, KNOX, AND WITTENBERG COLLEGES IN WHICH PERSONAL VISITS AND EXPERT TESTIMONY CONCLUDED THAT THE HEALTH SERVICES OF SMALL COLLEGES IN THE CENTRAL AND WESTERN STATES WERE SERIOUSLY INADEQUATE. A PROTOTYPE SOLUTION WAS DEVELOPED BY THE ARCHITECTURAL FIRM, CAUDILL, ROWLETT, AND SCOTT OF HOUSTON, TO MEET THE NEEDS OF SMALL INDEPENDENT LIBERAL ARTS COLLEGES. SPECIFIC CONSIDERATIONS INCLUDED (1) INTERNAL EXPANSION AND FLEXIBILITY, (2) STUDY AND RECREATIONAL FACILITIES, AND (3) SUPERVISION AND SPACE RELATIONSHIPS. THIS SOLUTION CONSISTED OF A CIRCULAR BUILDING, WITH PATIENT ROOMS ON THE PERIMETER AND A RAISED CENTRAL NURSING STATION, WITH AUXILIARY WAITING AND TREATMENT ROOMS AND AN ATTACHED NURSES RESIDENCE. AN IMPORTANT FEATURE WAS THE PROVISION OF STUDY SPACE WHICH COULD BE REPLACED WITH EMERGENCY BEDS. THE PROTOTYPE IS INTENDED AS A LOW COST COMBINATION CLINIC AND INFIRMARY. SPECIFICATIONS, LAYOUTS, AND ELEVATIONS ARE GIVEN WITH THE SUPPORTING DESIGN ANALYSIS. THIS DOCUMENT IS AVAILABLE FROM THE EDUCATIONAL FACILITIES LABORATORIES, 477 MADISON AVENUE, NEW YORK 22, NEW YORK. (MM)

Availability:

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New York, New York 10022

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DESIGN FOR MEDICAL EDUCATION (THE DEVELOPMENT AND PLANNING OF A MEDICAL COLLEGE AND CARE CENTER)

BY- PEERY, THOMAS M. AND M.ARCH, ALAN C. GREEN
GEORGE WASHINGTON UNIVERSITY, WASHINGTON, D.C., SCHOOL OF MEDICINE EDUCATIONAL FACILITIES STUDY

PUBLISHED-FEB65

046 PAGES

DESCRIPTORS- *BUILDING DESIGN, *EDUCATIONAL OBJECTIVES, *EDUCATIONAL PLANNING, *FACILITY REQUIREMENTS, COLLEGE PLANNING, DESIGN NEEDS, HEALTH FACILITIES, MEDICAL SERVICES, SITE SELECTION

PLANNING AND DESIGN PROCEDURES WHICH ONE MEDICAL EDUCATION CENTER EMPLOYED IN TRANSLATING ITS EDUCATIONAL OBJECTIVES, PHILOSOPHY AND TECHNIQUES INTO LABORATORY, CLASSROOM AND CLINIC FACILITIES ARE DESCRIBED. BASIC PLANNING CONSIDERATIONS INCLUDED -- (1) DETERMINATION OF THE CURRICULUM, (2) FACILITY UTILIZATION RATE, (3) HOUSING OF RESEARCH ACTIVITIES, (4) PLANNING OF ANCILLARY FACILITIES, AND (5) ZONING OF FACILITIES. SPECIFIC DESIGN STUDIES WERE CONDUCTED ON FOUR MAJOR FACILITY GROUPINGS -- (1) THE COMMONS, OR GENERAL FACILITIES FOR THE USE OF STUDENTS AND FACULTY, AND CLASSROOMS TO HOUSE BASIC CLINICAL INSTRUCTION, (2) THE MEDICAL SCIENCES UNIT, FOR HOUSING OF INSTRUCTIONAL AND RESEARCH ACTIVITIES, (3) THE RESOURCE UNIT, FOR LIBRARY AND OTHER SELF USE FACILITIES, AND (4) THE CLINICS UNIT OR THE PATIENT CARE AREAS. EACH STUDY CONSIDERS PRIMARY MEDICAL AND EDUCATIONAL FUNCTIONS, COMMUNICATIONS AND CIRCULATION RELATIONSHIPS AND POSSIBLE PHYSICAL LAYOUTS. SITE PLANNING AND DEVELOPMENT PROCEDURES ESTABLISHED THE OPTIMUM INTERRELATIONSHIPS FOR EFFICIENT FUNCTIONING, CIRCULATION AND ACCESS FOR THE FOUR GROUPINGS AND A FIFTH DOCTORS' GROUPING. INCLUDED IS AN APPENDIX WHICH PRESENTS THE RESULTS OF THEIR STUDY TO DEFINE THE SPECIFIC NEEDS AND OBJECTIVES OF THE MEDICAL PROGRAM. (BH)

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DENTAL SCHOOL PLANNING

BY- GALAGAN, DONALD J.
PUBLIC HEALTH SERVICE, BETHESDA, MARYLAND

PUBLISHED- 62

REPORT/SERIES NO.- PUBLIC HEALTH SERVICE PUB 940

122 PAGES

DESCRIPTORS- *DENTAL SCHOOLS, *EDUCATIONAL FACILITIES, *EDUCATIONAL SPECIFICATIONS, *FACILITY GUIDELINES, *MEDICAL SCHOOLS, COLLEGE PLANNING, DATA COLLECTION, DENTAL CLINICS, HEALTH SERVICES

THIS DISCUSSION PRESENTSA COMPLETE PICTURE OF THE CURRENT STATE OF DENTAL EDUCATION WITH SUGGESTIONS FOR MEETING THE DEMANDS FOR DENTAL STAFF AND FACILITIES. THE AREASINVESTIGATED ARE (1) OBJECTIVES IN DENTAL EDUCATION--COURSES, TEACHING MODES, INNOVATIONS IN CURRICULUM, COORDINATION OF BASIC AND CLINICAL INSTRUCTION, (2) FACILITY REQUIREMENTS--UNDERGRADUATE NEEDS, UTILIZATION, (3)COSTS--GROSS AREA, INITIAL MAINTENANCE, REMODELING, (4) SITE SELECTION, (5) DESIGN AND STRUCTURE OF PHYSICAL PLANT--MODULAR PLANNING, LABORATORIES AND OFFICES, FURTHER EXPANSION POTENTIAL, (6) INNER-PLANT SPACE RELATIONSHIPS--TRAFFIC PATTERNS AND COMPETING DEMANDS, (7) SCIENCE FACILITIES--LABORATORIES, TEACHING LABORATORIES, SPECIAL FACILITIES, DISSECTION ROOM, (8) PRE-CLINICAL FACILITIES AND EDUCATIONAL TV, (9) SPACE ALLOCATION--OPEN VS. CUBICLE TYPE CLINIC, (10) TEACHING AND RESEARCH--CLASSROOMS, LECTURE ROOMS, LIBRARY, STUDY, REFERENCE, RESEARCH, (11) THE CLINIC--RECEPTION, SCREENING, EXAMINATION AND DIAGNOSIS, AND TREATMENT AREA, (12) VISUAL AIDS AND TV, AND (13) SUPPORTING SERVICES--ANIMAL QUARTERS, STORAGE AND TECHNICAL SHOPS. THE APPENDIXES INCLUDE FORMS FOR STUDYING AND OUTLINING EACH ELEMENT OF DENTAL SCHOOLS. THE QUESTIONS COVER NATURE, DIMENSIONS, SPECIAL REQUIREMENTS OF NEED, SPACE, LOCATION, USE, SERVICES, UTILITIES AND REQUIRED EQUIPMENT. THIS DOCUMENT IS ALSO AVAILABLE FROM THE GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20025, PRICE $0.70. (BH)

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ERIC/CEF DOCUMENT NO. EF003156 DISPOSITION-UFRC 2

PLANNING OF NEW FACILITIES FOR BIOLOGY DEPARTMENTS

PUBLISHED-MAR66
IN- REPRINTED FROM BIOSCIENCE, V 17 N 3 P 159-183 MARCH 1967

AVAILABLE FROM- BIOSCIENCE, 3900 WISCONSIN AVE., WASHINGTON, D.C. 20016

024 PAGES

DESCRIPTORS- *BIOLOGY, *BUILDING DESIGN, *FACILITY GUIDELINES, *SCIENCE EQUIPMENT, *SCIENCE FACILITIES, CHECK LISTS, COLLEGE BUILDINGS, FACILITY EXPANSION, FACILITY REQUIREMENTS

A SYMPOSIUM DISCUSSION IS PRESENTED CONCERNING THE FOLLOWING ASPECTS OF PLANNING AND DESIGN OF BIOLOGY FACILITIES--(1) PHASES OR STEPS THAT ARE NECESSARY IN THE DESIGN OF A BIOLOGY BUILDING, (2) THE ROLE AND RESPONSIBILITY OF ARCHITECTS, ENGINEERS, AND CONSULTANTS IN THE OVER-ALL PLANNING, (3) THE NATURE OF THE INFORMATION REQUIRED FROM VARIOUS MEMBERS OF THE COLLEGE OR UNIVERSITY, (4) RELATION OF PLANNING STEPS TO REQUIREMENTS OF FUNDING AGENCIES, (5) GENERAL PLANNING PROBLEMS SPECIFIC TO THE DESIGN OF BIOLOGY FACILITIES, AND (6) EXAMPLES OF PROBLEMS THAT HAVE OCCURRED IN THE DESIGN OF PREVIOUS BUILDINGS. A CHECKLIST FOR BIOLOGY FACILITIES AND EQUIPMENT IS INCLUDED. (FS)//

Availability:

Bioscience
3900 Wisconsin Avenue
Washington, D.C. 20016

ERIC/CEF DOCUMENT NO. EF002202 ED 23284 DISPOSITION-EDC 1

MASTER PLANNING SCIENCE FACILITIES

PUBLISHED-FEB64

013 PAGES

DESCRIPTORS- *COLLEGE PLANNING, *EDUCATIONAL SPECIFICATIONS, *JUNIOR COLLEGES, *SCIENCE FACILITIES, *SPACE UTILIZATION, CHEMISTRY, COMMITTEES, INFORMATION NEEDS, SCHOOL SIZE, SCIENCE EQUIPMENT, SCIENCE LABORATORIES, SPATIAL RELATIONSHIP

AN OUTLINE OF A CONFERENCE PAPER ON PLANNING FOR SCIENCE FACILITIES PROVIDES A REFERENCE LIST OF AREAS AND PROCEDURES TO BE CONSIDERED. THE MAJOR CATEGORIES INCLUDE--(1) THE PLANNING STAGE, (2) THE PLANNING COMMITTEE, (3) THE PHILOSOPHY OF SCIENCE EDUCATION, (4) THE TYPE OF FACILITY TO BE BUILT, (5) FACILITIES AND SPACES REQUIRED, (6) INFORMATION TO BE OBTAINED FROM OTHER COLLEGES, AND (7) PUBLISHED SOURCES OF INFORMATION. SUBGROUPING OF CONSIDERATIONS ARE INCLUDED WITHIN EACH MAJOR CATEGORY. SPECIAL EMPHASIS IS PLACED ON SPACE REQUIREMENTS AND RELATIONSHIPS. APPENDICES INCLUDE THE RELATIONSHIP OF SCIENCE TO OTHER CAMPUS FACILITIES, RELATIONSHIPS OF SPACES, AND FLOW OF MATERIAL IN A CHEMISTRY DEPARTMENT. (MM)

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ERIC/CEF DOCUMENT NO. EF001269 ED 21400 DISPOSITION-UFRC 1

BUILDING PROGRAM STATEMENT FOR THE GENERAL CHEMISTRY FACILITY (CHEMISTRY DEPARTMENT FACILITIES REQUIREMENTS THROUGH 31,000 STUDENTS)

BY- SHERWOOD, CHARLES AND ANDRE, H. AND MELLON, M. G. AND GRAHAM, J.
PURDUE UNIVERSITY, LAFAYETTE, INDIANA

PUBLISHED-APR67

108 PAGES

DESCRIPTORS- *CHEMISTRY INSTRUCTION, *EDUCATIONAL SPECIFICATIONS, *ENROLLMENT PROJECTIONS, *FACILITY REQUIREMENTS, *SCIENCE LABORATORIES, AUDIOLOGY, CLASSROOMS, COLLEGE BUILDINGS, RESEARCH, SPEECH EDUCATION

THIS BUILDING PROGRAM STATEMENT FOR THE NEW CHEMISTRY ADDITION AT PURDUE UNIVERIITY WAS COMPILED TO PROVIDE THE ARCHITECT AND DEVELOPMENT PLANNING PERSONNEL WITH INFORMATION ABOUT ACADEMIC SPECIFICATIONS THAT COULD BE USED AS A BASIS FOR DESIGNING A NEW CHEMISTRY FACILITY. THE GENERAL PLAN IS BASED ON PROJECTED STUDENT ENROLLMENT. SPECIFIC PLANS 'A', 'B', AND 'C' ARE BASED ON GRADUATE STUDENT ENROLLMENT. SPACE ALLOCATIONS FOR EACH DIVISION ARE DISCUSSED IN RELATION TO PLANS 'A' AND 'B'. THE STATEMENT DISCUSSES BUILDING CHARACTERISTICS SUCH AS ACOUSTICS, AIR-CONDITIONING, BULLETIN BOARDS, BELLS, CLOCKS, ELECTRICAL EQUIPMENT, FLOORS, OFFICES, LABORATORIES, SAFETY, TELEPHONE AND TELEVISION CONDUIT. FACILITIES REQUIREMENTS RELATIVE TO CHEMISTRY ARE CLASSROOM SPACE, TEACHING LABORATORY SPACE, LABORATORY SERVICES, RESEARCH LABORATORY, OFFICE STORAGE AND LIBRARY SPACE. SPECIAL CONSIDERATIONS NECESSARY FOR THE AUDIOLOGY AND SPEECH SCIENCES--DEPARTMENT MISSION, STAFF AND SPACE DEPARTMENT, CLINIC, OFFICE, CONSULTATION SPACE, GRADUATE TEACHING LABORATORIES AND TELEVISION COMPLEX--ARE DISCUSSED. APPENDICES INCLUDE TABLES OF ENROLLMENT PROJECTIONSS AND SPACE REQUIREMENTS FOR THE DEPARTMENT OF CHEMISTRY, AUDIOLOGY AND SPEECH SCIENCES. (HH)

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MF $0.50 HC $5.50

ERIC/CEF DOCUMENT NO. EF002239 ED 25112 DISPOSITION-EDC 1

BUILDING PROGRAM STATEMENT FOR THE CHEMISTRY ADDITION, AN ADDENDUM

BY- SHERWOOD, CHARLES, COMP. AND ANDRE, H. AND GRAHAM, J.
PURDUE UNIV., LAFAYETTE, IND., DEPT. OF SCHED-SPACE

PUBLISHED-DEC67

053 PAGES

DESCRIPTORS- *CHEMISTRY, *COLLEGE BUILDINGS, *FACILITY REQUIREMENTS, *LABORATORIES, *SPACE UTILIZATION, AUDIOLOGY, EDUCATIONAL FACILITIES, PLANNING, SPATIAL RELATIONSHIP

A GENERAL GUIDE TO THE ARCHITECT REGARDING THE ACADEMIC REQUIREMENTS FOR A CHEMISTRY FACILITY. SUBJECT ORGANIZATION IS IN TERMS OF--(1)GENERAL ACADEMIC BUILDING PLANNING CRITERIA,(2)THREE SUMMARIES OF SPACE REQUIRED,(3)SPECIFIC SPACE REQUIREMENTS, AND (4)FUNCTIONAL RELATIONSHIP DIAGRAMS. SPECIFIC ACADEMIC AREAS BEING RESEARCHED INCLUDE CHEMISTRY, AUDIOLOGY, AND SPEECH SCIENCES. (LD)//

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MF $0.25 HC $2.75

ERIC/CEF DOCUMENT NO. EF001288  ED 17144  DISPOSITION-EDC- 1

THE COLLEGE AND UNIVERSITY SCIENCE CENTER (REPORT FROM A WORKSHOP SPONSORED BY EDUCATIONAL EXECUTIVES OVERVIEW MAGAZINE AND PERKINS AND WILL, ARCHITECTS, NEW YORK CITY, OCTOBER 26, 1961)

BY- SHAW, ARCHIBALD
PERKINS AND WILL, CHICAGO, ILLINOIS

PUBLISHED-OCT61

048 PAGES

DESCRIPTORS- *COLLEGE BUILDINGS, *DESIGN NEEDS, *FLEXIBLE FACILITIES, *SCIENCE FACILITIES, *SPATIAL RELATIONSHIP, BIOLOGY, CHEMISTRY, MATHEMATICS, PHYSICS, SCIENCE EDUCATION, SCIENCE LABORATORIES, SCIENTIFIC RESEARCH, WORKSHOPS

THIS IS A REPORT OF A DAY'S WORKSHOP ON THE COLLEGE SCIENCE CENTER, WITH A GROUP OF ARCHITECTS, COLLEGE ADMINISTRATORS, AND FACULTY. THE EMPHASIS WAS ON A DISCUSSION OF THE CONSOLIDATION OR CENTRALIZATION OF SCIENCE FACILITIES ON THE LIBERAL ARTS CAMPUS. SPECIFIC TOPICS INCLUDED--(1) WHY BUILD A SCIENCE CENTER, (2) BRIDGING OVER SUBJECT BOUNDARIES, (3) LABORATORIES AND THE STUDENT, AND (4) RESEARCH AND THE PROFESSOR. ILLUSTRATIONS WERE GIVEN OF ACTUAL AND THEORETICAL SCIENCE CENTER LAYOUTS, SUCH AS--(1) HALLS OF SCIENCE, (2) EXPANSION OF EXISTING SCIENCE BUILDING, (3) EARTH SCIENCES BUILDING, (4) SCIENCE-ENGINEERING-RESEARCH CENTER, (5) MEDICAL RESEARCH BUILDING, (6) IBM LABORATORY, (7) CHEMISTRY BUILDING, (8) BIOLOGY AND GEOLOGY LABORATORY, AND (9) SCIENCE AND PHARMACY BUILDINGS. A DETAILED CASE STUDY WAS GIVEN FOR SWARTHMORE'S SCIENCE CENTER. A FINAL STATEMENT WAS MADE ON FLEXIBILITY. (MM)

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ERIC/CEF DOCUMENT NO. EF002512 DISPOSITION-UFRC 2

CHECKLIST FOR PHYSICS BUILDINGS

AMERICAN INSTITUTE OF PHYSICS, NEW YORK, N.Y.

PUBLISHED-MAY65

024 PAGES

DESCRIPTORS- *CHECKLISTS, *COLLEGE BUILDINGS, *EDUCATIONAL EQUIPMENT, *FACILITY GUIDELINES, *PHYSICS INSTRUCTION, BIBLIOGRAPHIES, CLASSROOMS, LABORATORIES, LABORATORY EQUIPMENT

THIS CHECKLIST WAS COMPILED IN ORDER TO PREVENT PLANNERS FROM UNINTENTIONALLY OVERLOOKING IMPORTANT FEATURES OF BUILDING DESIGN IN PHYSICS AS WELL AS TO ENCOURAGE CONSULTATION BETWEEN ARCHITECT AND CLIENT. TWENTY-EIGHT CATEGORIES OF FACILITIES ARE COVERED RANGING FROM GENERAL STRUCTURAL CONSIDERATIONS TO FACULTY OFFICES AND INCLUDING ENVIRONMENTAL CONSIDERATIONS, VARIOUS TYPES OF ROOMS AND LABORATORIES, UTILITIES, HARDWARE, ETC. A BIBLIOGRAPHY OF REFERENCE MATERIAL IS INCLUDED. (N.I.)

Availability:

American Institute of Physics
335 East 45th Street
New York, New York 10017 $1.00

ERIC/CEF DOCUMENT NO. EF001769 ED 19838 DISPOSITION-EDC- 1

SAFETY IN THE DESIGN OF SCIENCE LABORATORIES AND BUILDING CODES

BY- HOROWITZ, HAROLD
NATIONAL SCIENCE FOUNDATION, WASHINGTON, D.C.

PUBLISHED-JUN66

016 PAGES

DESCRIPTORS- *BUILDING DESIGN, *CAMPUS PLANNING, *HEALTH, *SAFETY, *SCIENCE LABORATORIES, BIOLOGY, BUILDING EQUIPMENT, BUILDING MATERIALS, CHEMISTRY, LABORATORY SAFETY, SCIENCE EQUIPMENT, STATE STANDARDS, VENTILATION

THE DESIGN OF COLLEGE AND UNIVERSITY BUILDINGS USED FOR SCIENTIFIC RESEARCH AND EDUCATION IS DISCUSSED IN TERMS OF LABORATORY SAFETY AND BUILDING CODES AND REGULATIONS. MAJOR TOPIC AREAS ARE--(1) SAFETY RELATED DESIGN FEATURES OF SCIENCE LABORATORIES, (2) LABORATORY SAFETY AND BUILDING CODES, AND (3) EVIDENCE OF UNSAFE DESIGN. EXAMPLES EMPHASIZE PROBLEMS OF CHEMICAL FUME VENTILATION AND RELATIONSHIPS BETWEEN DESIGN AND LOCATION AND AIR MOVEMENT PATTERNS. FETY EQUIPMENT, ADDITIONAL EXAMPLES INCLUDE ANIMAL ROOMS, FIRE AND SAFETY EQUIPMENT, AND CHEMICAL STORAGE. INTRODUCTORY MATERIAL DESCRIBED THE FUNCTION OF THE ARCHITECTURAL SERVICES STAFF OF THE NATIONAL SCIENCE FOUNDATION. (MM)

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ERIC/CEF DOCUMENT NO. EF000641 ED 18065 DISPOSITION-UFRC 1

# DEVELOPING A PHYSICAL PLANT FOR ENGINEERING TECHNOLOGY

BY- MCCLURE, H. L.
FLORIDA STATE DEPARTMENT OF EDUCATION, TALLAHASSEE

PUBLISHED-JAN64
IN- PROCEEDINGS, CONFERENCE ON JUNIOR COLLEGE FACILITIES, TAMPA, JANUARY 23-25, 1964, VOL. 2

004 PAGES

DESCRIPTORS- *BUILDING DESIGN, *CAMPUS PLANNING, *COOPERATIVE PLANNING, *ECONOMIC FACTORS, *FACILITIES, BUDGETS, BUILDING EQUIPMENT, COLLEGE BUILDINGS, CONSTRUCTION COSTS, COST EFFECTIVENESS, GUIDELINES, HIGHER EDUCATION, PROGRAM COORDINATION

WITH A LIMITED BUILDING BUDGET OF TWO MILLION DOLLARS, SOUTHERN TECHNICAL INSTITUTE WAS ABLE TO CONSTRUCT A PERMANENT PHYSICAL PLANT CAPABLE OF HANDLING PRESENT AND FUTURE ENROLLMENTS. THE PROCEDURES TAKEN AND THE RESULTING CAMPUS FACILITIES ARE BRIEFLY OUTLINED, AND SOME GENERAL PLANNING SUGGESTIONS ADVANCED BY THE AUTHOR. MANY OF THE COST-REDUCTION PROCEDURES ARE UNIQUE IN THEIR DEVIATION FROM ACCEPTED STATE POLICIES. FOR INSTANCE, S.T.I. DEPARTED FROM THE ESTABLISHED POLICY OF REQUIRING A 'LOCK AND KEY' JOB AND ALLOCATED ALMOST THE TOTAL BUDGET FOR CONSTRUCTION AND ONLY A SMALL PORTION FOR EQUIPMENT. TO PROVIDE EQUIPMENT, MANY OF THE FURNITURE ITEMS WERE BUILT BY SCHOOL CARPENTERS AND THEN INSTALLED BY THE FACULTY AND STAFF. THE RESULTANT PHYSICAL PLANT PROVIDED SOME UNIQUE FEATURES WHICH ARE OUTLINED AND INCLUDE SUCH ITEMS AS HAVING ALL THE BUILDINGS CONNECTED BY COVERED WALKWAYS. FIVE GENERAL SUGGESTIONS ARE GIVEN BY THE AUTHOR WHICH MAY HELP PLANNERS PROVIDE SIMILAR FEATURES ON LIMITED BUDGETS. IN EVALUATING THE RESULTS IN OPERATION, IT WAS EVIDENT THAT CLOSE COOPERATION AND COORDINATION OF DEPARTMENTAL AND ARCHITECTURAL PERSONNEL COULD PROVIDE AN EFFECTIVE AND UNIQUE FACILITY ON A LIMITED BUDGET. (BH)

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PRINCETON UNIVERSITY ACADEMIC PHYSICAL PLANT (DEPARTMENTS OF MATHEMATICS AND PHYSICS)

TAYLOR, LIEBERFELD AND HELDMAN, INC., NEW YORK, NEW YORK

PUBLISHED-JAN61

125 PAGES

DESCRIPTORS- *BUILDING INNOVATION, *COLLEGE BUILDINGS, *CONSTRUCTION NEEDS, *FACILITY UTILIZATION RESEARCH, *SCIENCE FACILITIES, CLASSROOMS, LABORATORIES, LIBRARIES, MATHEMATICS, PHYSICS

THIS REPORT WAS PREPARED BY THE CONSULTING FIRM OF TAYLOR, LIEBERFELD AND HELDMAN, INC. FOR PRINCETON UNIVERSITY TO PROPOSE A BUILDING PROGRAM WHICH WOULD SATISFY THE SPACE NEEDS OF THE MATHEMATICS AND PHYSICS DEPARTMENTS. THE PROPOSED PROGRAM OF RENOVATION AND NEW CONSTRUCTION TOOK INTO ACCOUNT--(1) ENROLLMENT EXPECTATION, (2) RELATIONSHIP OF TEACHING AND RESEARCH, (3) PHASING OUT OF PRESENT TEMPORARY BUILDINGS, AND (4) SPECIALIZED LIBRARY NEEDS. THE UTILIZATION DATA WAS COLLECTED BY CATEGORIES--(1) REGISTRATION, (2) NUMBER OF COURSE OFFERINGS, (3) SIZE AND NUMBER OF MEETINGS/WEEK, (4) SPACE REQUIREMENTS AND SPACE AVAILABILITY FOR OFFICES, LABORATORIES, CLASSROOMS, RESEARCH, STORAGE, (5) COMMON SERVICE SPACE REQUIREMENTS, AND (6) USE OF LIBRARY. THE RECOMMENDATIONS OF THE CONSULTANTS FOCUSED ON--(1) SPECIFIC SPACE NEEDS FOR EACH DEPARTMENT, (2) NEW SPACE THAT SHOULD BE CONSTRUCTED, AND (3) DISTRIBUTION OF SPACE TO THE TWO DEPARTMENTS BASED ON PROJECTED ENROLLMENTS IN THE TWO DEPARTMENTS. TABLES RELATING TO THE ABOVE AREAS ARE INCLUDED. (HH)

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ERIC/CEF DOCUMENT NO. EF001256 ED 15635 DISPOSITION-UFRC 1

SCIENCE FACILITIES (A CLASSIFIED LIST OF LITERATURE RELATED TO DESIGN, CONSTRUCTION AND OTHER ARCHITECTURAL MATTERS)

NATIONAL SCIENCE FOUNDATION, WASHINGTON, D.C., DIVISION OF INSTITUTIONAL PROGRAMS

PUBLISHED- 65

018 PAGES

DESCRIPTORS- *BIBLIOGRAPHIES, *FACILITY CASE STUDIES , *RESEARCH REVIEWS (PUBLICATIONS), *RESOURCE MATERIALS, *SCIENCE FACILITIES, BUILDING DESIGN, CONSTRUCTION COSTS, DESIGN NEEDS, LABORATORIES

A CLASSIFIED LIST OF ARTICLES, PAPERS AND CATALOGS IN THE SCIENCE FACILITIES COLLECTION OF THE ARCHITECTURAL SERVICES STAFF OF THE NATIONAL SCIENCE FOUNDATION WHICH MAY BE USEFUL IN SEARCHING FOR PERTINENT LITERATURE ON PROBLEMS IN THE DESIGN OF SCIENCE FACILITIES. CITATIONS COVER SUCH AREAS AS GENERAL PLANNING, SPACE UTILIZATION AND COST STUDIES, BUILDING TYPE STUDIES, CONSTRUCTION DETAILS, DESIGN CRITERIA AND EQUIPMENT SPECIFICATIONS. (BH)

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# CAMPUS TRAFFIC FACILITIES

ERIC/CEF DOCUMENT NO. EF000882 ED 21395 DISPOSITION-UFRC 1

DESIGN OF PARKING LOTS AND GARAGES

BY- MC CONOCHIE, WILLIAM R.
UNIVERSITY OF WISCONSIN, MADISON, WISCONSIN, ENGINEERING INSTITUTE

PUBLISHED-FEB61

011 PAGES

DESCRIPTORS- *PARKING AREAS, *PARKING CONTROLS, *PARKING FACILITIES, *PARKING METERS, *TRAFFIC CONTROL, CAMPUS PLANNING, COMMUTING STUDENTS, FACILITY GUIDELINES, TRANSPORTATION, VEHICULAR TRAFFIC

LAYOUT, CONTROL, AND SIGN POSTING IN THE DESIGN OF PARKING FACILITIES IS DISCUSSED EMPHASIZING SELF PARKING AND AUTOMATED CONTROL. CONSIDERATIONS SUCH AS SITE, TRAFFIC, FUNCTION OF THE FACILITY, CITY CODES, AND SIZES ARE RELATED TO DESIGN CONSIDERATIONS. TRAFFIC CONTROL FACTORS ARE RELATED TO THE DIRECTION AND PLACEMENT OF CARS AND THE COLLECTION OF FEES. THE IMPORTANCE OF LIGHTING PARAMETERS IN THE DESIGN OF TRAFFIC CONTROL SIGNS IS EMPHASIZED. THE AUTHOR CONCLUDES THAT DESIGN CRITERIA FOR PARKING FACILITIES ARE OPEN TO IMPROVEMENT. THE APPENDIX INCLUDES LAYOUTS OF PARKING FACILITIES.(JP)

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ERIC/CEF DOCUMENT NO. EF001740 ED 21418 DISPOSITION-UFRC 1

TRANSPORTATION TO AND FROM THE CAMPUS (A REPORT TO THE PRESIDENT AND THE EXECUTIVE PLANNING COMMITTEE ON THE PHYSICAL PLANT)

BY- SCHWARTZ, ARTHUR
PENNSYLVANIA UNIV., PHILADELPHIA, UNIVERSITY PLANNING OFFICE

PUBLISHED-MAR64

115 PAGES

DESCRIPTORS- *CAMPUS PLANNING, *HIGHER EDUCATION, *PARKING AREAS, *PARKING FACILITIES, *TRANSPORTATION, CAPITAL OUTLAY (FOR FIXED ASSETS), METROPOLITAN AREAS, PEDESTRIAN TRAFFIC, TRAFFIC CONTROL, VEHICULAR TRAFFIC

A STUDY DEALING WITH THE MEANS OF TRANSPORTATION REQUIRED AND USED BY STUDENTS, FACULTY, STAFF, AND OTHER EMPLOYEES OF THE UNIVERSITY OF PENNSYLVANIA IN THEIR TRAVEL TO AND FROM CAMPUS. AREAS OF DESTINATION AND MODES OF TRAVEL ARE DISCUSSED. THE MAJOR EMPHASIS IS ON THE USE OF THE AUTOMOBILE AND THE PARKING DEMAND THAT IS THUS CREATED. CURRENT PARKING DEMANDS ARE ANALYZED IN TERMS OF REQUIREMENTS BY FACULTY, EMPLOYEES, STUDENTS, AND VISITORS. THE RELATIONSHIP BETWEEN PARKING SUPPLY AND DEMAND IS DISCUSSED. PROJECTED PARKING NEEDS THROUGH 1970 ARE STUDIED WITH AN ESTIMATE OF THE CAPITAL COSTS INVOLVED. APPENDICES INCLUDE A SAMPLE TRAFFIC SURVEY FORM, PLUS MAPS, AND A LIST OF TRANSPORTATION POLICY CONSIDERATIONS.(NI)

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# THE UNIVERSITY OF MICHIGAN CAMPUS IDENTIFICATION SIGNS

MICHIGAN UNIVERSITY. ANN ARBOR

PUBLISHED-  67

031 PAGES

DESCRIPTORS- *CAMPUS PLANNING. *DESIGN NEEDS. *INFORMATION DISSEMINATION. *TRAFFIC CIRCULATION. *TRAFFIC SIGNS. COLLEGE PLANNING. MASTER PLANS. MOTOR VEHICLES. PARKING AREAS. PEDESTRIAN TRAFFIC. SEMIOTICS. SITE ANALYSIS. TRAFFIC CONTROL. TRAFFIC PATTERNS. TRAFFIC SAFETY

SPECIFIC INFORMATION. IDENTIFICATION. AND DIRECTION TO AND WITHIN THE CAMPUS AS FACTORS DETERMINING A CAMPUS SIGN SYSTEM ARE DISCUSSED IN TERMS OF--(1) NEEDS REQUIRING AN IDENTIFICATION SIGN SYSTEM. (2) RECOMMENDATIONS FOR INITIATING A COMPREHENSIVE SIGN SYSTEM FOR THE UNIVERSITY. AND (3) APPLICATION PROCEDURES AS THEY RELATE TO STREETS. WALKWAYS. AND BUILDINGS AND PLACES. SIGN CATEGORIES INCLUDE DIRECTION. IDENTIFICATION INFORMATION. AND TRAFFIC CONTROL. THE GENERAL CONCEPT OF THE SIGN SYSTEM IS COMPOSED OF SYMBOL. COLOR. AND FRAME - EXAMPLES ARE GIVEN FOR DIFFERENT AREAS AND FUNCTIONS. STRUCTURAL DETAILS. INFORMATION TYPES. AND LOCATIONS ARE GIVEN FOR BOTH VEHICULAR AND PEDESTRIAN TYPES. AND LOCATIONS ARE GIVEN FOR BOTH VEHICULAR AND PEDESTRIAN TRAFFIC. SUPPORTING GRAPHIC MATERIAL INCLUDES SUGGESTED SYMBOLS. COLORS. SIGN CONFIGURATIONS. AND CONSTRUCTION DETAILS. (MM)

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# THE UNIVERSITY OF MICHIGAN CAMPUS WALKWAYS

MICHIGAN UNIVERSITY, ANN ARBOR

PUBLISHED- 67

028 PAGES

DESCRIPTORS- *CAMPUS PLANNING, *DESIGN NEEDS, *PEDESTRIAN TRAFFIC, *TRAFFIC CIRCULATION, TRAFFIC SAFETY, BUILDING MATERIALS, COLLEGE PLANNING, FURNITURE DESIGN, LIGHTING, MASTER PLANS, SITE ANALYSIS, TRAFFIC CONTROL, TRAFFIC PATTERNS, TRAFFIC SIGNS, VEHICULAR TRAFFIC

WALKWAY DEVELOPMENT THROUGHOUT THE VARIOUS CAMPUS AREAS OF THE UNIVERSITY IS OUTLINED WITH RESPECT TO THE DESIRED CHARACTER OF WALKWAYS, THE MINIMUM STANDARDS OF CERTAIN WALKWAY CONFIGURATION, AND LONG-RANGE GOALS FOR AN OVERALL CAMPUS WALKWAY SYSTEM. NEEDS ARE DISCUSSED FOR THE CAMPUS WALKWAY PATTERN AND SPECIAL CONSIDERATIONS ARE GIVEN FOR EACH OF SEVERAL GENERAL CAMPUS AREAS. THE GUIDELINES FOR WALKWAY DEVELOPMENT INCLUDE SUCH AREAS AS--(1) WALK LAYOUT, (2) WALK MATERIALS, (3) WALK INTERSECTIONS, AND (4) SERVICE DRIVES AND STREETS. ASSOCIATED FEATURES ARE GIVEN AS FURNITURE, SIGNS, LIGHTING, AND BICYCLES. GRAPHICS ARE USED TO SUPPORT DISCUSSION, INCLUDING SUGGESTIONS FOR TECHNICAL DETAILS. (MM)

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PARKING IS ON THE RISE AT PSC

PUBLISHED-MAY67
IN - AMERICAN SCHOOL AND UNIVERSITY

0C2 PAGES

DESCRIPTORS- *CAMPUS PLANNING, *FACILITY EXPANSION, *PARKING CONTROLS, *PARKING FACILITIES, *URBAN UNIVERSITIES, MOTOR VEHICLES, PARKING AREAS

AUTOMOBILE PARKING STRUCTURES ARE DISCUSSED IN RELATION TO PLANNING URBAN UNIVERSITIES. ANSWERS ARE PRESENTED TO TYPICAL QUESTIONS CONCERNING CAMPUS PARKING FACILITIES AND POLICIES, MANY OF THE CONSIDERATIONS ARE SUPPLEMENTED WITH INFORMATION BASED ON PORTLAND STATE COLLEGES' PARKING FACILITIES. (FS)//

Availability:

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757 Third Avenue
New York, New York 10017

ERIC/CEF DOCUMENT NO. EF001878 DISPOSITION-UFRC 1

CCLLEGES BUILD UP-AND-DOWN IN SEARCH FOR PARKING SPACE

BY- RICH, RICHARD C.

PUBLISHED-JUN68
IN- COLLEGE AND UNIVERSITY BUSINESS, VOL. 44, NO. 6, JUNE 1968

004 PAGES

DESCRIPTORS- *CAMPUS PLANNING, *HIGHER EDUCATION, *MOTOR VEHICLES, *PARKING CONTROLS, *PARKING FACILITIES - FACILITY CASE STUDIES, FACILITY EXPANSION, STUDENT COSTS, SURVEYS, TRAFFIC CIRCULATION

A SURVEY WHICH FOCUSED ON PARKING PROBLEMS CREATED BY THE INCREASE OF CARS ON CAMPUS IS REPORTED. THE INFORMATION WAS CCLLECTED BY QUESTIONNAIRE FROM 27 COLLEGES. SAMPLE RESPONSES FROM THE INSTITUTIONS ARE CITED TO ILLUSTRATE THE VARIED ASPECTS OF THE PROBLEM. FOR EXAMPLE, THE UNIVERSITY OF AKRON HAS 8,000 STUDENTS OF WHICH ONLY 10 PERCENT LIVE ON CAMPUS, THE UNIVERSITY OF MICHIGAN IS COMPLETELY SURROUNDED BY THE CITY OF ANN ARBOR SO THAT NEW SPACE FORPARKING IS UNAVAILABLE, WAYNE STATE UNIVERSITY AT DETROIT BANKS THE PROFIT FROM FEES AND FINES TO PROVIDE FOR FUTURE PARKING FACILITIES. SOME MULTILEVEL PARKING FACILITIES ARE LOCATED ABOVE AND/OR BELOW GROUND LEVEL WITH MULTISTORY ACADEMIC, HOUSING, AND SERVICE FACILITIES BUILT ABOVE. THE PRESSURES FOR PARKING FACILITIES ARE GREATEST ON THE URBAN CAMPUSES. A TABULAR SUMMARY OF THE DATA COLLECTED IS INCLUDED. (HH)

Availability:

Harold W. Herman, Editor
McGraw Hill Publisher
1050 Merchandise Mart
Chicago, Illinois 60654

# MISCELLANEOUS SPECIAL FACILITIES

ERIC/CEF DOCUMENT NO. EF002168 DISPOSITION-UFRC 2

COLLEGE UNION OPERATIONS

PUBLISHED-APR66

009 PAGES

DESCRIPTORS- *CAMPUS PLANNING, *FINANCIAL SUPPORT, *OBJECTIVES, *PROGRAM ADMINISTRATION, *STUDENT UNIONS, EDUCATIONAL FINANCE, PLANNING, RECREATIONAL FACILITIES, SOCIAL ORGANIZATIONS

CONCERNED WITH THE FOLLOWING ASPECTS OF COLLEGE UNION OPERATIONS--(1) GOALS AND OBJECTIVES OF COLLEGE UNIONS, (2) SOURCES OF FUNDS FOR UNION SUPPORT, (3) SCHEDULING OF STUDENT UNION ACTIVITIES AND THEIR RELATIONSHIPS WITH THE VARIOUS AUXILIARY ENTERPRISES LOCATED WITHIN THE UNION, AND (4) HOW TO PLAN A UNION AND WHAT COLLEGE PERSONNEL TO INVOLVE IN THE PLANNING. (FS)

Availability:

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University of Alabama
Tuscaloosa, Alabama 35486

ERIC/CEF DOCUMENT NO. EFC01531 ED 17160 DISPOSITION-UFRC 1

CENTRAL FOOD STORES FACILITIES FOR COLLEGES AND UNIVERSITIES

051 PAGES

DESCRIPTORS- *COLLEGE PLANNING, *DESIGN NEEDS, *FOOD HANDLING FACILITIES, *FOOD SERVICE, *PURCHASING, BUILDING EQUIPMENT, FACILITY CASE STUDIES, FOOD SERVICE OCCUPATIONS, RESEARCH UTILIZATION, SPACE UTILIZATION

INSPECTION OF A NUMBER OF INSTALLATIONS WAS ORIENTED TOWARD ARCHITECTURAL AND PLANNING QUESTIONS INVOLVING ECONOMICS AND SERVICES OF CENTRAL FOOD STORE FACILITIES. COMMENCING WITH THE PURCHASING PHILOSOPHY WHICH OVERVIEWS THE ORGANIZATION OF FOODS PURCHASING, SELECTION OF PERSONNEL, SPECIFICATIONS FOR PURCHASING, TECHNIQUES FOR PURCHASING, AND TRENDS IN FOODS SERVICE, THE MONOGRAPH DISCUSSES PLANNING FOR A CENTRAL FOOD STORE. PLANNING REQUIREMENTS ARE PROVIDED FOR THE EQUIPMENT AND SPACE NEEDED FOR EFFICIENT FLOW OF GOODS, PROVISION FOR TEST KITCHENS, TECHNIQUES OF LABOR MANAGEMENT AND RESEARCH IMPLICATIONS. A SUMMARY OF DESIGN REQUIREMENTS AND A CASE STUDY OF MICHIGAN STATE UNIVERSITY'S CENTRAL FOOD STORE FACILITY INDICATES WHAT CONSIDERATIONS SHOULD BE MADE IN PLANNING A CENTRAL FOOD STORES FACILITY. (BH)

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ERIC/CEF DOCUMENT NO. EF002167 DISPOSITION-UFRC 2

COLLEGE STORE OPERATIONS

PUBLISHED-APR66

021 PAGES

DESCRIPTORS- *ANCILLARY SERVICES, *CAMPUS PLANNING, *EDUCATIONAL ADMINISTRATION, *HIGHER EDUCATION, *MANAGEMENT, DISTRIBUTIVE EDUCATION, RETAILING, WHOLESALING

CONCERNED WITH THE FUNCTION AND IMAGE OF COLLEGE STORES IN THE ACADEMIC COMMUNITY. IMPORTANT ELEMENTS OF PLANNING AND MANAGING COLLEGE STORES ARE CONSIDERED. (FS)

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ERIC/CEF DOCUMENT NO. EF001730 DISPOSITION-UFRC 1

SPACE GUIDELINES FOR INSTRUCTIONAL OFFICES

WISCONSIN COORDINATING COMMITTEE FOR HIGHER EDUCATION, MADISON

PUBLISHED-MAY66

REPORT/SERIES NO.- CCHE-36

002 PAGES

DESCRIPTORS- *COLLEGE PLANNING, *HIGHER EDUCATION, *INTERIOR SPACE, *OFFICES (FACILITIES), *SPACE UTILIZATION, STANDARDS

THE GUIDELINES ESTABLISHED IN 1964 PROVIDE FOR 120 SQUARE FEET PER OFFICE PER FULL TIME EQUIVALENT CLERICAL STAFF AND FACULTY POSITION. IT IS NOW RECOMMENDED THAT THIS BE CHANGED TO 135 SQUARE FEET FOR EACH FULL TIME EQUIVALENT STAFF MEMBER. THIS STANDARD COINCIDES WITH STAFF OFFICE SPACE STANDARDS ESTABLISHED AT THE UNIVERSITY OF ILLINOIS AND AT PURDUE UNIVERSITY. (NI)

Availability:

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ERIC/CEF DOCUMENT NO. EF003091 DISPOSITION-UFRC 2

STAFF REPORT ON PROPOSED GUIDELINES FOR RESEARCH FACILITIES

WISCONSIN COORDINATING COUNCIL FOR HIGHER EDUCATION, MADISON

PUBLISHED-SEP66

OC5 PAGES

DESCRIPTORS- *COLLEGE PLANNING, *CONSTRUCTION PROGRAMS, *FACILITY EXPANSION, *FACILITY GUIDELINES, *HIGHER EDUCATION, EDUCATIONAL SPECIFICATIONS, FACILITY REQUIREMENTS

A REVIEW IS PRESENTED OF PROPOSED GUIDELINES AND STANDARDS FOR THE 1967-69 BUILDING PROGRAM RESEARCH FACILITIES FOR WISCONSIN INSTITUTIONS OF HIGHER EDUCATION. RECOMMENDATIONS ARE MADE FOR THE EVALUATION OF PROPOSED PROJECTS AS ESTABLISHED IN SYSTEM PRIORITIES SUBMITTED TO THE WISCONSIN COORDINATING COUNCIL FOR HIGHER EDUCATION. (FS)

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Wisconsin Coordinating Council for
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Madison, Wisconsin 53705

ERIC/CEF DOCUMENT NO. EF002252 ED 25910 DISPOSITION-EDC 1

PUBLIC ADDRESS SYSTEMS SPECIFICATIONS - INSTALLATION - OPERATION

BY- PALMER, FRED M.
ALFRED UNIVERSITY, N.Y.

PUBLISHED-JAN66

OC5 PAGES

DESCRIPTORS- *AUDIO EQUIPMENT, *BUILDING EQUIPMENT, *CAMPUS PLANNING, *COMMUNICATIONS, *CONSTRUCTION PROGRAMS, ACOUSTICS, BUILDING DESIGN, FACSIMILE COMMUNICATION SYSTEMS, MICROPHONES

PROVISIONS FOR PUBLIC ADDRESS IN NEW CONSTRUCTION OF CAMPUS BUILDINGS (SPECIFICATIONS, INSTALLATIONS, AND OPERATION OF PUBLIC ADDRESS SYSTEMS), ARE DISCUSSED IN NON-TECHNICAL TERMS. CONSIDERATION IS GIVEN TO MICROPHONES, AMPLIFIERS, LOUDSPEAKERS AND THE PLACEMENT AND OPERATION OF VARIOUS DIFFERENT COMBINATIONS. (FS)//

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